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¶ The present application claims benefit of priority to Provisional Application Serial Nos. 60/234,318 entitled "EFFICIENT PERIODIC SUPER-STRUCTURES IN WAVEGUIDES TO PRODUCE SPECTRAL RESPONSE OVER MANY CHANNELS AND FABRICATION METHODS FOR THESE STRUCTURES" filed September 20, 2000, 60/243,423 entitled "SAMPLED FIBER BRAGG GRATING BASED ON MULTILEVEL PHASE CHANGE TECHNOLOGY" filed October 25, 2000, 60/235,873 entitled "EFFICIENT PERIODIC SUPER-STRUCTURES IN WAVEGUIDES" filed September 27, 2000, and 60/241,594 entitled "SAMPLED FIBER BRAGG GRATING BASED ON MULTILEVEL PHASE CHANGE TECHNOLOGY" filed October 18, 2000, the disclosures of which are hereby incorporated herein by reference; and is related to commonly assigned, co-pending U.S. Application Serial Nos. 09/757,386 entitled "EFFICIENT SAMPLED GRATINGS FOR WDM APPLICATIONS" filed January 8, 2001, and 09/883,081 entitled "LITHOGRAPHIC FABRICATION OF PHASE MASK FOR FIBER BRAGG GRATINGS" filed June 15, 2001, the disclosures of which are hereby incorporated herein by reference. A

Conclusion

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

By 

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